## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

A-018-CIP

Brian Banister

App. No.

10/080,728

Filed

February 22, 2002

For

METHOD AND APPARATUS

FOR IMPROVING TRANSMIT ANTENNA WEIGHT TRACKING

USING CHANNEL CORRELATIONS IN A

WIRELESS COMMUNICATION

**SYSTEM** 

Group Art:

2631

Examiner:

Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

On: May,5th, 2005

Barbara S. Kelly

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the subject application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

- (X) No additional fee is due because this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits of the above-identified application, in accordance with 37 CFR §1.97(b).
- (XX) According to 37 CFR 1.98(d), copies of the references listed on the attached modified Form PTO-1449 are not provided in this submission. All of the listed references were previously cited by the Office during prosecution of US App. No.: 09/632,081, filed 8/2/2000, entitled "Adaptive Antenna Method and Apparatus." This application is a Continuation-in-Part (CIP) of App. No.: 09/632,081, and claims the benefit of the priority filing date of App. No.: 09/632,081 under 35 USC section 120. All of the listed references are in the English language.

Respectfully submitted,

Signature Martin J. Jaquez

Registration No. 38,060

Date: May 5th, 2005

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known				
Application Number	10/080,728			
Filing Date	February 22, 2002			
First Named Inventor	Brian Banister			
Art Unit	2631			
Examiner Name	Unknown			
Attorney Docket Number	VIA-018-CIP			

	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	1	US- 5,781,845	07/14/1998	Dybdal, et al.				
	2	<sup>US-</sup> 6,434,366	08/13/2002	Harrison, et al.				
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FOREIGN PATENT DOCUMENTS								
	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear			
			MM-DD-YYYY			Τ°		
*								

Examiner	1		 	Date	
Signature				Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which Is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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